

**JAL NIGAM YANTRIK KHAND  
U.P. JAL NIGAM MEERUT**

56

**Completion Plan of Tube Well**

Name of Scheme PADINAWALL W/S. SCHEME DISTT. - MUZAFFARNAGAR Spring water level in. Mtrs. ....

Total No. of Tube well Provided in the Scheme ONE Size of Bore in M.M. ....

Number & Location of tube-well Executed ..... Date of Completion of T.W. 7-8-17

Name of Contractor DEPARTMENTAL

Depth B. GL Meter	Boring Chart with representation	Stratum	Executed Assembly		ABSTRACT
				0-30m	
0M	3.05M	SURFACE CLAY	2.28		1. Drilling Started..... 2. Drilling Completed..... 3. Lowering on <u>12-5-10</u> 4. Drilling Depth <u>120.42</u> M 5. <del>200mm</del> Dia Housing Pipe <u>44.57</u> M 6. <del>200mm</del> Dia Reducer <u>0.15</u> M 7. <del>150mm</del> Dia Blind Pipe <u>46.82</u> M 8. <del>150mm</del> Dia Slotted Pipe <u>23.76</u> M 9. Discharge by Compressor <u>SPD</u> 10. Discharge by O.P. Unit <u>SPD</u> 11. Remark if any:-
10M	4.15M	CLAY	6.04		
15M	13.72M	F. TO MED. SAND	6.04		
20M	14.52M	HARD CLAY	6.04		
25M			6.04		
30M	30.48M	FINE SAND	6.06		
35M			6.02		
40M	38.11M	HARD CLAY	6.07	44.57M	
45M			5.85		
50M	48.78M	FINE TO MED SAND	5.85		
55M	54.82M	HARD CLAY	5.85		
60M			5.85		
65M			5.85		
70M			5.85		
75M			5.85		
80M				79.53M	
85M			5.89		
90M	91.46M	MED. SAND	5.80	91.14M	
95M	95.92M	HARD CLAY	5.86	97.00M	
100M			6.10		
105M			6.05	109.15M	
110M			5.86	115.01M	
115M	115.22M	MED. SAND			
120M		CLAY			
125M					

As Executed

DB  
Contractor

(S.K. Panwar)  
J.E.

A.E.

Countersigned

E.E.

**YIELD TEST OF TW BY COMPRESSOR**

Date of Test	Discharge by V. Notch	Static W/L						Taste of Water.	Remarks
		In cm.	In Lpm	Start	5 Min	10 Min	15 Min		
	30"	870	500	250	100	TV	cl	cl	
	34"	930	700	400	350	200	15	cl	

DB  
Contractor

(S.K. Panwar)  
J.E.

A.E.

E.E.

**YIELD TEST REPORT**

Static W/L 7.20 Mts

Taste of water Sweet

Date of Test 07-08-10

	Discharge in L.P.M.	SWL in Mts	RWL in Mts	Depression in Mts.	SAND CONTENTS IN P. P. M.							Recommendations.
					Starting	5 Min.	10 Min.	15 M.	20M.	25 M.	30M.	
1	530	7.20	11.60	4.40	50	cl	cl	cl	cl	cl	cl	Recommended discharge <u>500</u> LPM at <u>4.40</u> mt depression. Recommended Pumping plant discharge <u>500</u> Lpm.
2	613	7.20	11.72	4.52	150	Fr	Fr	cl	cl	cl	cl	
3	795	7.20	11.85	4.65	200	100	50	50	cl	cl	cl	
4	871	7.20	12.20	5.00	350	200	50	50	cl	cl	cl	
5	947	7.20	12.70	5.50	400	250	100	100	100	100	100	

Contractor

S.K. Pawan  
J. E.

[Signature]  
A. E.

[Signature]  
E. E.

**VERTICALITY TEST REPORT**

DIA of Disc 180 Dia of HOUSING 200 DATE OF TEST 7-8-10

Height of Suspension 3 mt

Clear 10.20 mt

DEPTH OF Disc	Observed Deviation				Actual Deviation			
	E	W	N	S	E	W	N	S
BGL In MTC.								
3	0	0	0	0				
6	0	0	0	0				
9	0	0	0	0				
12	0	0	0	0				
15	0	0	0	1				
18	1	0	0	1				
21	1	0	0	2				
24	2	0	0	2				
27	3	0	0	2				

**Circle Diagram**

CLEAR SPACE ..... At .....

..... At .....

**CHEMICAL TEST REPORT**

DATE OF TEST 29/8/10

AGENCY Ex Engr, Jt Khad, U.P. Sed Nagar, Meerut

	Mg/Lit	mg/Lit	mg/Lit	mg/Lit	Remarks
Colour	NIL	Hardness Temp.	Chlorides	18	
Nitrates	NIL	Copper	Nitrate	0.5	
PH	7.2	Iron	Flouridus	NIL	
Total Solids	80	Total Alkanity	Amonia		
Dissolved Solids	200	Sulphates	Chlorine	NIL	
Fixed Solids		Calcium			
Total Hardness (C.Co.)		Megnecium			
Permanent Hardness		Turbidity			

Draughts Man

J. E.

[Signature]  
A. E.

[Signature]  
E. E.